Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 21 May 2023 until 23:59 on Monday 22 May 2023

Forecast Issued on Saturday 20 May 2023 at 15:49

Confidence: High for fine, dry conditions Sunday. Low for the potential of any showers Monday onward. Mostly High in general for cloud detail, but low for extent of early morning mist and fog patches.

Headline for Sunday 21 May 2023: Early mist and fog patches breaking to give largely unbroken sunshine.

Mountain weather hazards on Sunday 21 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Sunday 21 May 2023

Weather: Mist and fog patches likely in valleys at first, but soon clearing during the morning. A fine day follows, with largely unbroken sunshine. High UV levels are expected. Feeling warm when out of the light breeze, but still rather cool on the tops.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Good views expected across the hills, with any cloud remaining well above summit level. Any mist or fog patches that develop, mainly in valleys during the early morning, will soon dissipate.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 21 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 E	10/13 NE	11/15 NE	13/17 NE	11/16 NE	11/16 NE	12/17 NE	12/17 E	11/16 NE
300	5/8 E	6/8 E	5/9 NE	9/13 NE	10/15 NE	10/15 NE	10/16 NE	8/14 E	7/12 NE
Valley	6/13 E	5/12 E	3/10 E	6/12 E	7/14 NE	7/14 NE	8/15 NE	8/19 E	5/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	7/4	8/5	10/7	12/10	14/11	13/10	9/6	7/5
300	9/8	9/7	10/8	12/11	15/13	16/14	16/14	11/9	9/7
Valley	9/8	8/6	10/9	14/13	17/15	18/16	17/15	12/10	9/8
Freezing Level*	1500m	1500m	1500m	1400m	1500m	1800m	1800m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day, warm at times, though still with a touch of cooler spring air with the light breeze, especially on the tops. Despite this, the High UV levels will bring a risk of sunburn, with appropriate sun protection needed.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 20 May 2023	2.4mm	4.2mm	4.2mm

Forecast for Monday 22 May 2023

Weather: The odd patch of low cloud could move into eastern parts early morning, with mist and fog patches again forming in isolated valleys. Most hills staying clear, however. A fine day follows, with cloud and mist patches dissipating to give good spells of sunshine. Some fair weather cloud developing, perhaps bringing a very isolated shower or two. Feeling warm in the strong sunshine, but with a chilly breeze.

Maximum wind: Northerly 10mph strengthening to Northerly 15mph with 25mph gusts by the afternoon.

Chance of cloud-free hill tops above 600m: 80% in east until mid-morning, otherwise near 100%

Low cloud and visibility: Cloud potentially obscuring tops above 200m during the early hours and around dawn in the east, lifting through the morning. Otherwise cloud above the summits with very good views of distant hills expected, but falling to moderate with any showers. Mist and fog patches potentially bringing poor visibility to low levels at first.

Temperature: **Valleys:** Plus 5 Celsius rising to Plus 20 Celsius
At 600m: Plus 9 Celsius rising to Plus 14 Celsius
Freezing level: Above summits.

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